

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 42339-198341

First Inventor Xintian E. LIN et al.

Title ANTENNA SELECTION FOR DIVERSITY COMBINING

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 22]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
5. Oath or Declaration [Total Pages 2]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
- 6a. ☐ Priority is claimed under the provisions of 35 U.S.C. § 119
Appln No. _____ filed in _____ on _____
Appln No. _____ filed in _____ on _____

ADDRESS TO:Commissioner for Patents
Box Patent Application
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: _____ / _____

Prior application information: Examiner _____

Group / Art Unit: _____

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

20. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label

26694

PATENT TRADEMARK OFFICE

or ☐ Correspondence address below

Name	VENABLE				
Address	P.O. Box 34385				
City	Washington	State	D.C.	Zip Code	20043-9998
Country	U.S.A	Telephone	202-344-4000	Fax	202-344-8300

Name (Print/Type)	Jeffrey W. Gluck	Registration No. (Attorney/Agent)	44,457
Signature			Date December 15, 2003



13281 U.S. PTO

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2003**

Patent fees are subject to annual revision.

Complete if Known**TOTAL AMOUNT OF PAYMENT (\$)** 1320

Application Number	Not Yet Assigned
Filing Date	December 15, 2003
First Named Inventor	Xintian E. LIN et al.
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned
Attorney Docket No.	42339-198341

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 22-0261 Deposit Account Name: <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1"><thead><tr><th>Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051 65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052 25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr><tr><td>1053</td><td>130</td><td>1053 130</td><td>Non-English specification</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812 2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>1804</td><td>920*</td><td>1804 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840*</td><td>1805 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>110</td><td>2215 55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252</td><td>420</td><td>2252 210</td><td>Extension for reply within second month</td><td></td></tr><tr><td>1253</td><td>950</td><td>2253 475</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1254</td><td>1,480</td><td>2254 740</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>2010</td><td>2255 1005</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>330</td><td>2401 165</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>330</td><td>2402 165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>290</td><td>2403 145</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451 1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>110</td><td>2452 55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453</td><td>1,330</td><td>2453 665</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,330</td><td>2501 665</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>480</td><td>2502 240</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>640</td><td>25403 320</td><td>Plant issue fee</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460 130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807 50</td><td>Processing fee under 37 CFR 1.17 (q)</td><td></td></tr><tr><td>1808</td><td>180</td><td>1808 180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021 40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr><tr><td>1809</td><td>770</td><td>2809 385</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>1810</td><td>770</td><td>2810 385</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>1801</td><td>770</td><td>2801 385</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>1802</td><td>900</td><td>1802 900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="5">Other fee (specify) _____</td></tr><tr><td colspan="5">*Reduced by Basic Filing Fee Paid</td></tr><tr><td colspan="4">SUBTOTAL (3)</td><td>(\$ 40)</td></tr></tbody></table>		Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051 65	Surcharge - late filing fee or oath		1052	50	2052 25	Surcharge - late provisional filing fee or cover sheet.		1053	130	1053 130	Non-English specification		1812	2,520	1812 2,520	For filing a request for reexamination		1804	920*	1804 920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805 1,840*	Requesting publication of SIR after Examiner action		1251	110	2215 55	Extension for reply within first month		1252	420	2252 210	Extension for reply within second month		1253	950	2253 475	Extension for reply within third month		1254	1,480	2254 740	Extension for reply within fourth month		1255	2010	2255 1005	Extension for reply within fifth month		1401	330	2401 165	Notice of Appeal		1402	330	2402 165	Filing a brief in support of an appeal		1403	290	2403 145	Request for oral hearing		1451	1,510	1451 1,510	Petition to institute a public use proceeding		1452	110	2452 55	Petition to revive - unavoidable		1453	1,330	2453 665	Petition to revive - unintentional		1501	1,330	2501 665	Utility issue fee (or reissue)		1502	480	2502 240	Design issue fee		1503	640	25403 320	Plant issue fee		1460	130	1460 130	Petitions to the Commissioner		1807	50	1807 50	Processing fee under 37 CFR 1.17 (q)		1808	180	1808 180	Submission of Information Disclosure Stmt		8021	40	8021 40	Recording each patent assignment per property (times number of properties)	40	1809	770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))		1801	770	2801 385	Request for Continued Examination (RCE)		1802	900	1802 900	Request for expedited examination of a design application		Other fee (specify) _____					*Reduced by Basic Filing Fee Paid					SUBTOTAL (3)				(\$ 40)
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																															
1051	130	2051 65	Surcharge - late filing fee or oath																																																																																																																																																																
1052	50	2052 25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																
1053	130	1053 130	Non-English specification																																																																																																																																																																
1812	2,520	1812 2,520	For filing a request for reexamination																																																																																																																																																																
1804	920*	1804 920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																
1805	1,840*	1805 1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																
1251	110	2215 55	Extension for reply within first month																																																																																																																																																																
1252	420	2252 210	Extension for reply within second month																																																																																																																																																																
1253	950	2253 475	Extension for reply within third month																																																																																																																																																																
1254	1,480	2254 740	Extension for reply within fourth month																																																																																																																																																																
1255	2010	2255 1005	Extension for reply within fifth month																																																																																																																																																																
1401	330	2401 165	Notice of Appeal																																																																																																																																																																
1402	330	2402 165	Filing a brief in support of an appeal																																																																																																																																																																
1403	290	2403 145	Request for oral hearing																																																																																																																																																																
1451	1,510	1451 1,510	Petition to institute a public use proceeding																																																																																																																																																																
1452	110	2452 55	Petition to revive - unavoidable																																																																																																																																																																
1453	1,330	2453 665	Petition to revive - unintentional																																																																																																																																																																
1501	1,330	2501 665	Utility issue fee (or reissue)																																																																																																																																																																
1502	480	2502 240	Design issue fee																																																																																																																																																																
1503	640	25403 320	Plant issue fee																																																																																																																																																																
1460	130	1460 130	Petitions to the Commissioner																																																																																																																																																																
1807	50	1807 50	Processing fee under 37 CFR 1.17 (q)																																																																																																																																																																
1808	180	1808 180	Submission of Information Disclosure Stmt																																																																																																																																																																
8021	40	8021 40	Recording each patent assignment per property (times number of properties)	40																																																																																																																																																															
1809	770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																
1810	770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																
1801	770	2801 385	Request for Continued Examination (RCE)																																																																																																																																																																
1802	900	1802 900	Request for expedited examination of a design application																																																																																																																																																																
Other fee (specify) _____																																																																																																																																																																			
*Reduced by Basic Filing Fee Paid																																																																																																																																																																			
SUBTOTAL (3)				(\$ 40)																																																																																																																																																															
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other																																																																																																																																																																			
FEE CALCULATION																																																																																																																																																																			
1. BASIC FILING FEE <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>770</td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5">SUBTOTAL (1)</td><td>(\$ 770)</td></tr></tbody></table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility filing fee	770	1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1)					(\$ 770)																																																																																																																								
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																														
1001	770	2001	385	Utility filing fee	770																																																																																																																																																														
1002	340	2002	170	Design filing fee																																																																																																																																																															
1003	530	2003	265	Plant filing fee																																																																																																																																																															
1004	770	2004	385	Reissue filing fee																																																																																																																																																															
1005	160	2005	80	Provisional filing fee																																																																																																																																																															
SUBTOTAL (1)					(\$ 770)																																																																																																																																																														
2. EXTRA CLAIM FEES <table border="1"><thead><tr><th>Total Claims</th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>34</td><td>-20 ** = 14</td><td>18</td><td>252</td></tr><tr><td>Independent Claims</td><td>6</td><td>-3 ** = 3</td><td>86</td><td>258</td></tr><tr><td>Multiple Dependent</td><td></td><td></td><td></td><td>0</td></tr></tbody></table>		Total Claims	Extra Claims	Fee from below	Fee Paid	34	-20 ** = 14	18	252	Independent Claims	6	-3 ** = 3	86	258	Multiple Dependent				0																																																																																																																																																
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																
34	-20 ** = 14	18	252																																																																																																																																																																
Independent Claims	6	-3 ** = 3	86	258																																																																																																																																																															
Multiple Dependent				0																																																																																																																																																															
Large Entity Fee Code (\$)		Small Entity Fee Code (\$)	Fee Description																																																																																																																																																																
1202	18	2202 9	Claims in excess of 20																																																																																																																																																																
1201	86	2201 43	Independent claims in excess of 3																																																																																																																																																																
1203	290	2204 145	Multiple dependent claim, if not paid																																																																																																																																																																
1204	86	2204 43	** Reissue independent claims over original patent																																																																																																																																																																
1205	18	2205 9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																
SUBTOTAL (2)				(\$ 510)																																																																																																																																																															
**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																			

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Jeffrey W. Gluck	Registration No. Attorney/Agent)	44,457
Signature		Telephone	202-344-4000
		Date	December 15, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
SEND TO: Commissioner for Patents, Mail Stop Patent Application, Alexandria, VA 22313-1450.VENABLE
ATTORNEYS AT LAW

PC Docs No. 508949v1